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## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. \_\_\_\_\_

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled: DATA EXCHANGE UNIT, the specification of which is attached hereto unless the following box is checked:

☐ The specification was filed on \_\_\_\_\_  
and was assigned Serial No. \_\_\_\_\_  
(if known)  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows:

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and checked at right:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
11-102274	Japan	04/09/1999	X	
11-102275	Japan	04/09/1999	X	

All foreign applications, if any, for any Patent or Inventor's Certificate filed more than 12 months prior to the filing date of this application:

Country	Application No.	Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, § 119(e) or § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status: patented, pending, abandoned

I hereby appoint the following attorneys to prosecute this application and/or any international application and to transact all business in the Patent and Trademark Office connected therewith:

Daniel W. Sixbey, (Reg. No. 20,932)  
 Charles M. Leedom, Jr. (Reg. No. 26,477)  
 David S. Safran (Reg. No. 27,997)  
 Donald R. Studebaker (Reg. No. 32,815)  
 Tim L. Brackett (Reg. No. 36,092)  
 Robert M. Schulman (Reg. No. 31,196)

Stuart J. Friedman (Reg. No. 24,312)  
 Gerald J. Ferguson, Jr. (Reg. No. 23,016)  
 Thomas W. Cole (Reg. No. 28,290)  
 Jeffrey L. Costellia (Reg. No. 35,483)  
 Eric J. Robinson (Reg. No. 38,285)  
 Thomas M. Blasey (Reg. No. 33,475)

Send Correspondence to: Eric J. Robinson  
 Nixon Peabody LLP  
 8180 Greensboro Drive, Suite 800  
 McLean, Virginia 22102  
 Telephone: (703) 790-9110

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorize any U.S. attorney or agent named herein to accept and follow instructions from Maeda Patent Office as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys or agents named herein will be so notified by the undersigned.

FULL NAME OF SOLE OR FIRST INVENTOR <b>Isamu ISHIMURA</b>	INVENTOR'S SIGNATURE <i>Isamu Ishimura</i>	DATE March 29, 2000
RESIDENCE (City, State & Country) <b>Kyoto, Japan</b>		CITIZENSHIP <b>Japan</b>
POST OFFICE ADDRESS (Complete Address including City, State & Country) <b>42-14-2-611, Kusauchi-hanshowari, Kyotanabe-shi, Kyoto 610-0311, Japan</b>		

FULL NAME OF SECOND JOINT INVENTOR (if any) Hiroshi YOSHIDA	INVENTOR'S SIGNATURE <i>Hiroshi Yoshida</i>	DATE March 29, 2000
RESIDENCE (City, State & Country) Osaka, Japan		CITIZENSHIP Japan
POST OFFICE ADDRESS (Complete Address including City, State & Country) 25-3-331, Mido-cho, Kadoma-shi, Osaka 571-0064, Japan		
FULL NAME OF THIRD JOINT INVENTOR (if any) Yoshihiro TABIRA	INVENTOR'S SIGNATURE <i>Yoshihiro Tabira</i>	DATE March 29, 2000
RESIDENCE (City, State & Country) Osaka, Japan		CITIZENSHIP Japan
POST OFFICE ADDRESS (Complete Address including City, State & Country) 1-26-4-1204, Tsukuda, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0001, Japan		
FULL NAME OF FOURTH JOINT INVENTOR (if any) Hirotaka ITO	INVENTOR'S SIGNATURE <i>Hirotaka Ito</i>	DATE March 29, 2000
RESIDENCE (City, State & Country) Osaka, Japan		CITIZENSHIP Japan
POST OFFICE ADDRESS (Complete Address including City, State & Country) 3-7-203, Myokenzaka, Katano-shi, Osaka 576-0021, Japan		
FULL NAME OF FIFTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF SIXTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF SEVENTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		
FULL NAME OF EIGHTH JOINT INVENTOR (if any)	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)		CITIZENSHIP
POST OFFICE ADDRESS (Complete Address including City, State & Country)		

COPY



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 07, 2000

PTAS

NIXON PEABODY LLP  
ERIC J. ROBINSON  
8180 GREENSBORO DRIVE, SUITE 800  
MCLEAN, VA 22102



\*101319857A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/03/2000

REEL/FRAME: 010681/0391  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ISHIMURA, ISAMU

DOC DATE: 03/29/2000

ASSIGNOR:

YOSHIDA, HIROSHI

DOC DATE: 03/29/2000

ASSIGNOR:

TABIRA, YOSHIHIRO

DOC DATE: 03/29/2000

ASSIGNOR:

ITO, HIROTAKA

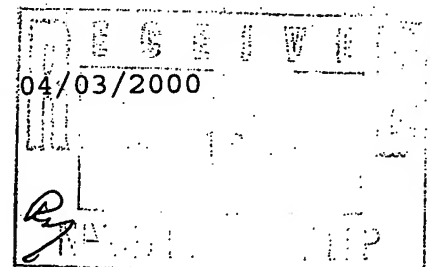
DOC DATE: 03/29/2000

ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL  
CO., LTD.  
1006, OAZA KADOMA, KADOMA-SHI  
OSAKA 571-8501, JAPAN

SERIAL NUMBER: 09541726  
PATENT NUMBER:

FILING DATE: 04/03/2000  
ISSUE DATE:



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SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-13-2000



101319857

## RECORDATION FORM COVER SHEET

Docket: 0819-357

MD  
4.3.00

To the Honorable Assistant Commissioner for Patent. Please record the attached original documents or copy thereof.

1. Name of conveying parties: Isamu ISHIMURA, Hiroshi YOSHIDA, Yoshihiro TABIRA, Hirotaka ITO  
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

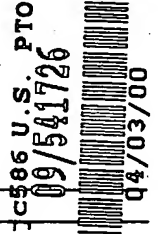
2. Name and address of receiving party:

Name: Matsushita Electric Industrial Co., Ltd.

Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & addresses(es) attached? ☐ Yes ☒ No



3. Name of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: March 29, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 29, 2000

Title: DATA EXCHANGE UNIT

09/541726

A: Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: NIXON PEABODY LLP

Street Address: 8180 Greensboro Drive, Suite 800

City: McLean State: Virginia ZIP: 22102

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): .....\$40.00

☒ Enclosed

☐ Authorized to be changed to deposit account

8. Deposit Account Number: \_\_\_\_\_

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Eric J. Robinson

Name of Person Signing

[Signature]  
Signature

4/3/2000  
Date

Total number of pages including cover sheet, attachments, and document: 3

## ASSIGNMENT

WHEREAS, Isamu ISHIMURA, Hiroshi YOSHIDA, Yoshihiro TABIRA, Hirotaka ITO (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in DATA EXCHANGE UNIT for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on \_\_\_\_\_ having Serial No. \_\_\_\_\_; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: March 29, 2000, Isamu Ishimura  
**Isamu ISHIMURA**

Date: March 29, 2000, Hiroshi Yoshida  
**Hiroshi YOSHIDA**

Date: March 29, 2000, (印) 3 1 2 36  
**Yoshihiro TABIRA**

Date: March 29, 2000, Hiroataka Ito  
**Hiroataka ITO**

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_